

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
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(43) International Publication Date  
10 September 2004 (10.09.2004)

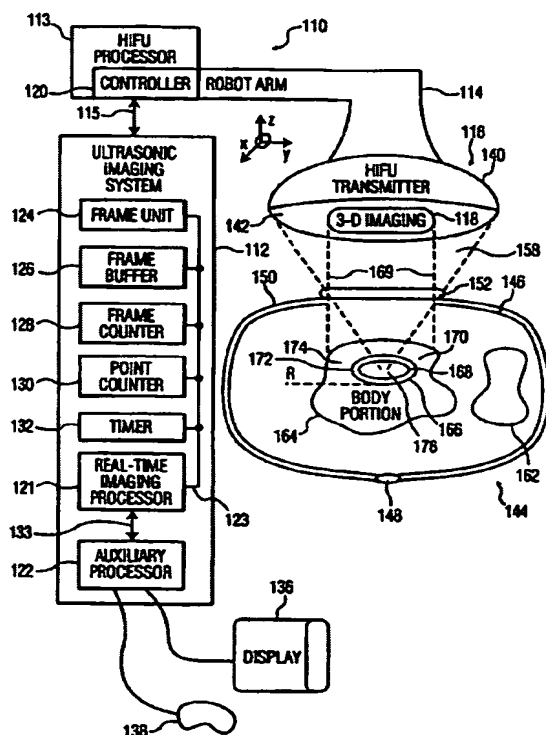
PCT

(10) International Publication Number  
**WO 2004/075987 A1**

- (51) International Patent Classification<sup>7</sup>: A61N 7/02 (74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o VODOPIA, John, P.O.Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (21) International Application Number: PCT/IB2004/000505
- (22) International Filing Date: 23 February 2004 (23.02.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/451,148 28 February 2003 (28.02.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: MOTION-TRACKING IMPROVEMENTS FOR HIFU ULTRASOUND THERAPY



(57) Abstract: High intensity focused ultrasound (HIFU) for medically treating tumors is automatically administered under robotic control in dosage intervals that alternate with ultrasonic imaging intervals. The HIFU transmitter is re-aimed for each dosage to compensate for motion of the tumor due to heart beats and other events.